

Amendments to the Specification:

Pursuant to MPEP 714.16 and 714.16(d), subsection III, the following amendments to the specification are requested:

Amend the sixth paragraph, page 5, lines 27-28, as follows:

~~FIGS. 4A-V~~ FIGS. 4A-X show cross sectional views of nucleating structures according to the invention.

Amend the third paragraph, page 11, line 23, to page 12, line 2, as follows:

Exemplary geometries for nucleating structures having points of local proximity are shown in FIGS. 4A-V. ~~FIGS. 4A-K, M, and P~~ FIGS. 4A-K, O, and R show inventive nucleating structures singly coupled to distal ends of a body of which a cryopreservation vial is comprised. In FIGS. 4A-K, the nucleating structures possess at least one point of local proximity. In a preferable embodiment, such as that shown in FIG. 4F, the nucleating structure comprises two or more points of local proximity. In various embodiments of the tip detail, the corrugation and nipples may form a single or multiple point contacts, for example, two nipples located near the tip cartridge end to form the first nucleation zone, as shown in FIGS. 4L-N. Various embodiments of multiple nucleating structures coupled to single bodies are shown in ~~FIGS. 4N-O, and 4Q-V~~ FIGS. 4P-Q, and 4S-X.